18423/folder

NAUTICAL CHART 18423

BELLINGHAM TO EVERETT

INCLUDING SAN JUAN ISLANDS

WASHINGTON

FIGHT POLLUTION!
KEEP YOUR WATERWAYS CLEAN

U.S. DEPARTMENT OF COMMERCE   NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION   NATIONAL OCEAN SERVICE

18423   EDITION 27   OCTOBER 1989

C55.418/7:

best copy available

PORT TOWNSEND, WASHINGTON

Predicted times and heights of high and low water-Pacific Standard Time. For Daylight Saving time, add 1 hour.
To predict local tide, apply the time difference listed in the facility tabulations to these tide predictions.

MARCH 1990

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Th	0000 0633 1303 2020	3.7 9.2 0.3 7.3	16 F	0029 0610 1305 2105	5.4 7.8 0.3 7.0
2 F	0042 0703 1359 2152	5.0 9.1 -0.2 7.3	17 Sa	0111 0633 1351 2245	6.2 7.7 0.3 7.1
3 Sa	0135 0735 1459 2343	6.3 9.0 -0.4 7.7	18 Su	0223 0655 1446	6.8 7.5 0.5
4 Su	0257 0813 1607	7.2 8.7 -0.4	19 M	0039 0445 0726 1551	7.5 7.1 7.3 0.6
5 M	0109 0457 0914 1717	8.3 7.5 8.3 -0.3	20 Tu	0136 1656	7.8 0.5
6 Tu	0205 0639 1033 1824	8.7 7.2 7.8 -0.2	21 W	0208 0724 0941 1758	8.0 6.7 6.8 0.5
7 W	0248 0748 1209 1922	8.9 6.6 7.6 0.0	22 Th	0232 0743 1123 1848	8.1 6.1 6.7 0.4
8 Th	0320 0837 1330 2011	8.9 5.8 7.4 0.3	23 F	0247 0804 1250 1934	8.1 5.4 6.8 0.5
9 F	0349 0909 1436 2053	8.8 4.9 7.4 0.7	24 Sa	0309 0826 1403 2016	8.2 4.4 7.0 0.8
10 Sa	0414 0944 1533 2129	8.7 4.0 7.3 1.2	25 Su	0327 0858 1508 2057	8.3 3.1 7.3 1.4
11 Su	0435 1011 1625 2204	8.5 3.1 7.2 1.9	26 M	0349 0933 1611 2138	8.4 1.7 7.7 2.2
12 M	0453 1043 1713 2236	8.3 2.2 7.2 2.7	27 Tu	0411 1012 1711 2221	8.6 0.4 8.0 3.3
13 Tu	0512 1113 1805 2311	8.2 1.5 7.1 3.6	28 W	0438 1053 1813 2303	8.7 -0.7 8.2 4.4
14 W	0530 1147 1857 2346	8.1 0.9 7.1 4.5	29 Th	0506 1139 1919 2351	8.8 -1.4 8.3 5.4
15 Th	0547 1223 1957	7.9 0.5 7.0	30 F	0536 1231 2029	8.8 -1.6 8.3
			31 Sa	0047 0618 1324 2148	6.3 8.6 -1.4 8.3

APRIL 1990

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Su	0203 0657 1428 2307	6.9 8.2 -1.0 8.3	16 M	0331 0544 1359 2305	6.8 6.9 -0.2 7.8
2 M	0358 0757 1538	7.0 7.6 -0.3	17 Tu	1457 2358	0.2 7.8
3 Tu	0020 0545 0915 1649	8.5 6.5 7.0 0.3	18 W	1600	0.5
4 W	0111 0654 1105 1756	8.6 5.7 6.5 0.8	19 Th	0037 0655 0935 1700	7.9 5.6 5.8 0.9
5 Th	0152 0742 1240 1854	8.5 4.8 6.4 1.3	20 F	0105 0706 1128 1757	7.9 4.7 5.7 1.4
6 F	0224 0818 1357 1942	8.4 3.8 6.6 1.9	21 Sa	0128 0724 1308 1846	8.0 3.5 6.0 2.0
7 Sa	0250 0846 1501 2025	8.2 2.8 6.8 2.6	22 Su	0149 0753 1423 1935	8.1 2.1 6.6 2.8
8 Su	0311 0915 1554 2100	8.0 1.9 7.0 3.2	23 M	0214 0826 1529 2024	8.2 0.6 7.3 3.6
9 M	0329 0939 1643 2139	7.8 1.0 7.2 3.9	24 Tu	0238 0904 1631 2110	8.4 -0.9 8.0 4.5
10 Tu	0345 1005 1728 2218	7.7 0.2 7.4 4.6	25 W	0304 0943 1730 2202	8.6 -2.0 8.5 5.4
11 W	0359 1033 1817 2257	7.6 -0.4 7.6 5.2	26 Th	0336 1028 1825 2254	8.7 -2.8 8.9 6.1
12 Th	0416 1106 1903 2341	7.5 -0.8 7.7 5.8	27 F	0415 1117 1924 2352	8.7 -3.0 9.0 6.5
13 F	0438 1141 1952	7.4 -0.9 7.8	28 Sa	0454 1206 2027	8.4 -2.7 9.0
14 Sa	0029 0503 1220 2054	6.3 7.3 -0.8 7.8	29 Su	0106 0539 1302 2129	6.8 8.0 -2.1 8.9
15 Su	0132 0522 1305 2200	6.6 7.1 -0.6 7.7	30 M	0244 0638 1402 2228	6.6 7.3 -1.1 8.7

MAY 1990

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0427 0751 1505 2324	6.0 6.5 -0.1 8.6	16 W	1409 2239	-0.1 8.2
2 W	0543 0930 1610	5.1 5.8 0.9	17 Th	0548 0733 1503 2312	5.3 5.4 0.7 8.2
3 Th	0011 0642 1121 1715	8.5 4.0 5.5 1.9	18 F	0556 0943 1559 2339	4.3 5.0 1.6 8.2
4 F	0046 0717 1300 1811	8.4 3.0 5.6 2.8	19 Sa	0617 1145 1658	3.1 5.1 2.7
5 Sa	0116 0749 1418 1903	8.2 2.0 6.1 3.7	20 Su	0006 0646 1328 1757	8.3 1.6 5.8 3.8
6 Su	0139 0817 1524 1952	7.9 1.0 6.6 4.4	21 M	0030 0718 1445 1856	8.4 0.1 6.7 4.8
7 M	0157 0839 1615 2037	7.7 0.2 7.2 5.1	22 Tu	0057 0757 1554 1952	8.6 -1.4 7.7 5.7
8 Tu	0213 0904 1701 2123	7.6 -0.6 7.6 5.7	23 W	0129 0839 1646 2051	8.8 -2.6 8.5 6.4
9 W	0227 0933 1743 2208	7.5 -1.2 8.0 6.1	24 Th	0205 0924 1738 2146	8.9 -3.4 9.1 6.8
10 Th	0242 1001 1822 2251	7.4 -1.6 8.2 6.4	25 F	0244 1010 1829 2247	8.8 -3.7 9.3 7.0
11 F	0307 1037 1904 2340	7.3 -1.8 8.3 6.6	26 Sa	0333 1058 1919 2357	8.6 -3.5 9.4 6.9
12 Sa	0333 1112 1946	7.2 -1.8 8.3	27 Su	0428 1148 2008	8.1 -3.0 9.3
13 Su	0039 0354 1151 2032	6.7 7.0 -1.6 8.3	28 M	0113 0527 1241 2056	6.5 7.4 -2.0 9.1
14 M	0210 0409 1234 2117	6.7 6.8 -1.3 8.2	29 Tu	0245 0633 1334 2143	5.8 6.6 -0.9 8.9
15 Tu	1322 2203	-0.8 8.2	30 W	0405 0752 1428 2223	4.9 5.7 0.4 8.8
			31 Th	0507 0935 1524 2302	3.8 5.1 1.7 8.6

JUNE 1990

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 F	0556 1131 1623 2330	2.7 4.9 3.0 8.3	16 Sa	0450 1004 1506 2227	3.0 4.7 2.7 8.6
2 Sa	0638 1321 1718 2358	1.7 5.4 4.2 8.1	17 Su	0525 1214 1605 2251	1.6 5.2 4.2 8.7
3 Su	0708 1440 1824	0.7 6.2 5.2	18 M	0607 1357 1711 2321	0.1 6.2 5.5 8.9
4 M	0019 0737 1539 1923	7.9 -0.1 7.0 6.0	19 Tu	0651 1510 1824 2355	-1.2 7.3 6.5 9.0
5 Tu	0034 0806 1628 2015	7.8 -0.8 7.6 6.5	20 W	0734 1605 1933	-2.4 8.2 7.1
6 W	0056 0832 1709 2112	7.7 -1.4 8.1 6.8	21 Th	0034 0820 1651 2039	9.0 -3.2 8.9 7.3
7 Th	0118 0904 1745 2203	7.6 -1.8 8.4 6.9	22 F	0123 0908 1736 2139	9.0 -3.6 9.2 7.2
8 F	0143 0938 1817 2251	7.5 -2.1 8.5 7.0	23 Sa	0218 0956 1815 2242	8.7 -3.6 9.3 6.9
9 Sa	0215 1014 1852 2339	7.4 -2.2 8.6 6.9	24 Su	0321 1045 1856 2345	8.3 -3.2 9.3 6.3
10 Su	0254 1051 1924	7.2 -2.2 8.6	25 M	0423 1131 1935	7.7 -2.4 9.2
11 M	0039 0332 1130 1959	6.7 6.9 -2.0 8.6	26 Tu	0054 0529 1218 2013	5.6 7.0 -1.4 9.0
12 Tu	0138 0414 1209 2032	6.5 6.6 -1.5 8.6	27 W	0206 0638 1300 2048	4.8 6.1 -0.1 8.9
13 W	0237 0513 1250 2104	6.0 6.1 -0.8 8.6	28 Th	0312 0754 1345 2120	3.8 5.4 1.3 8.7
14 Th	0339 0629 1330 2133	5.2 5.5 0.1 8.6	29 F	0411 0931 1435 2149	2.8 4.9 2.7 8.4
15 F	0418 0809 1416 2200	4.2 4.9 1.3 8.6	30 Sa	0500 1136 1524 2213	1.9 5.0 4.1 8.2

NOVEMBER 1990

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Th	0319 0757 1404 2040	7.3 4.4 8.5 -0.9	16 F	0452 0913 1359 2113	8.3 6.4 7.9 -1.2
2 F	0418 0847 1429 2120	8.1 5.2 8.7 -2.1	17 Sa	0534 0959 1416 2145	8.7 6.8 7.8 -1.6
3 Sa	0513 0936 1500 2202	8.7 5.9 8.8 -2.9	18 Su	0612 1048 1434 2217	8.9 7.0 7.6 -1.7
4 Su	0606 1027 1532 2247	9.1 6.5 8.8 -3.2	19 M	0651 1139 1500 2252	8.9 7.1 7.5 -1.7
5 M	0701 1123 1610 2336	9.3 6.9 8.6 -3.0	20 Tu	0730 1241 1521 2330	8.9 7.1 7.3 -1.4
6 Tu	0757 1230 1659	9.4 7.1 8.2	21 W	0812	8.9
7 W	0028 0856 1400 1758	-2.3 9.3 6.9 7.6	22 Th	0012 0851	-1.0 8.8
8 Th	0125 0954 1553 1917	-1.4 9.2 6.3 6.8	23 F	0056 0933	-0.4 8.7
9 F	0227 1047 1713 2057	-0.2 9.1 5.3 6.0	24 Sa	0141 1011	0.4 8.7
10 Sa	0330 1131 1811 2253	1.0 9.0 4.1 5.7	25 Su	0230 1040 1800 2127	1.3 8.7 4.4 4.9
11 Su	0439 1209 1854	2.1 8.8 2.9	26 M	0323 1108 1808 2339	2.4 8.7 3.3 5.1
12 M	0041 0541 1245 1926	5.9 3.3 8.7 1.8	27 Tu	0421 1133 1833	3.5 8.7 1.9
13 Tu	0205 0640 1309 1954	6.5 4.3 8.4 0.8	28 W	0125 0524 1200 1901	5.9 4.7 8.9 0.4
14 W	0314 0733 1331 2019	7.2 5.2 8.2 0.0	29 Th	0242 0626 1223 1937	6.9 5.7 9.0 -1.0
15 Th	0406 0824 1346 2048	7.8 5.9 8.0 -0.7	30 F	0341 0728 1253 2019	8.0 6.6 9.2 -2.2

DECEMBER 1990

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Sa	0433 0824 1327 2058	8.9 7.2 9.4 -3.1	16 Su	0532 1005 1320 2124	9.2 7.6 8.0 -1.6
2 Su	0521 0920 1409 2145	9.5 7.5 9.4 -3.5	17 M	0604 1051 1355 2158	9.3 7.5 7.8 -1.7
3 M	0607 1019 1459 2232	9.9 7.6 9.2 -3.5	18 Tu	0635 1137 1444 2234	9.3 7.4 7.7 -1.6
4 Tu	0653 1120 1548 2321	10.0 7.5 8.8 -3.0	19 W	0707 1219 1523 2313	9.3 7.1 7.4 -1.4
5 W	0737 1235 1654	9.9 7.1 8.2	20 Th	0736 1318 1609 2348	9.2 6.8 7.0 -0.9
6 Th	0010 0823 1355 1806	-2.1 9.8 6.4 7.3	21 F	0805 1413 1700	9.2 6.3 6.5
7 F	0103 0906 1521 1922	-0.8 9.6 5.4 6.4	22 Sa	0027 0833 1512 1813	-0.2 9.2 5.6 5.9
8 Sa	0155 0948 1633 2105	0.6 9.5 4.3 5.6	23 Su	0059 0902 1551 1942	0.8 9.2 4.6 5.3
9 Su	0250 1027 1729 2303	2.1 9.3 3.1 5.4	24 M	0139 0929 1630 2137	2.1 9.2 3.5 5.0
10 M	0346 1100 1811	3.6 9.1 1.9	25 Tu	0217 0953 1705 2358	3.5 9.2 2.2 5.4
11 Tu	0104 0449 1129 1847	6.0 5.0 8.8 1.0	26 W	0310 1019 1744	4.9 9.3 0.9
12 W	0230 0601 1153 1922	6.9 6.1 8.6 0.2	27 Th	0157 0417 1045 1826	6.6 6.3 9.4 -0.5
13 Th	0335 0707 1210 1952	7.8 6.9 8.4 -0.5	28 F	0307 0547 1117 1913	7.8 7.4 9.6 -1.6
14 F	0421 0813 1230 2021	8.5 7.4 8.2 -1.0	29 Sa	0356 0703 1158 1957	8.8 8.0 9.6 -2.5
15 Sa	0457 0911 1250 2051	9.0 7.6 8.1 -1.3	30 Su	0434 0812 1253 2045	9.5 8.2 9.6 -3.0
			31 M	0513 0912 1349 2132	9.9 8.0 9.5 -3.2

JANUARY 1991

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0549 1013 1502 2220	10.1 7.4 9.1 -2.8	16 W	0557 1052 1503 2216	9.1 6.6 7.6 -1.0
2 W	0626 1112 1605 2307	10.1 6.7 8.6 -2.1	17 Th	0618 1126 1552 2248	9.1 6.2 7.3 -0.7
3 Th	0702 1215 1711 2349	10.0 5.9 7.9 -1.0	18 F	0641 1203 1646 2324	9.1 5.5 6.9 0.0
4 F	0737 1323 1820	9.9 5.0 7.0	19 Sa	0706 1245 1743 2356	9.2 4.8 6.5 0.9
5 Sa	0035 0809 1429 1935	0.3 9.8 4.1 6.3	20 Su	0730 1330 1850	9.2 4.0 6.1
6 Su	0120 0844 1532 2107	1.8 9.6 3.1 5.7	21 M	0027 0754 1419 2011	2.1 9.2 3.1 5.7
7 M	0203 0915 1626 2310	3.4 9.4 2.2 5.7	22 Tu	0059 0819 1508 2157	3.5 9.2 2.1 5.7
8 Tu	0254 0944 1715	4.9 9.1 1.4	23 W	0135 0844 1603	4.9 9.3 1.1
9 W	0120 0400 1012 1758	6.5 6.2 8.8 0.8	24 Th	0024 0217 0913 1658	6.4 6.3 9.4 0.1
10 Th	0243 0530 1041 1840	7.5 7.1 8.5 0.3	25 F	0948 1754	9.4 -0.7
11 F	0332 0656 1106 1920	8.2 7.5 8.3 -0.2	26 Sa	0303 0539 1031 1851	8.4 8.1 9.4 -1.4
12 Sa	0407 0810 1145 1957	8.7 7.7 8.2 -0.5	27 Su	0338 0707 1139 1943	9.1 8.1 9.3 -1.9
13 Su	0439 0904 1233 2034	9.0 7.6 8.0 -0.8	28 M	0413 0817 1302 2035	9.5 7.7 9.1 -2.1
14 M	0506 0945 1323 2109	9.1 7.4 7.9 -1.1	29 Tu	0445 0912 1411 2121	9.7 7.1 8.9 -2.0
15 Tu	0534 1017 1418 2143	9.1 7.1 7.8 -1.1	30 W	0517 1005 1520 2206	9.7 6.2 8.6 -1.5
			31 Th	0548 1056 1623 2249	9.7 5.2 8.2 -0.6

FEBRUARY 1991

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 F	0617 1146 1725 2328	9.6 4.3 7.6 0.5	16 Sa	0545 1120 1709 2259	8.8 3.7 7.0 1.3
2 Sa	0646 1238 1829	9.5 3.4 7.0	17 Su	0608 1155 1806 2333	8.9 2.8 6.8 2.4
3 Su	0010 0715 1327 1939	1.8 9.4 2.6 6.5	18 M	0631 1237 1913	8.9 1.9 6.7
4 M	0049 0741 1419 2102	3.2 9.1 2.0 6.2	19 Tu	0005 0655 1323 2028	3.6 9.0 1.2 6.6
5 Tu	0133 0806 1514 2255	4.5 8.9 1.6 6.3	20 W	0044 0720 1417 2209	4.9 9.0 0.5 6.7
6 W	0219 0834 1606	5.8 8.6 1.2	21 Th	0126 0748 1517	6.1 9.0 0.1
7 Th	0105 0338 0900 1702	7.0 6.8 8.3 0.9	22 F	0012 0220 0824 1623	7.3 7.1 8.9 -0.3
8 F	0221 0524 0935 1755	7.7 7.3 8.0 0.6	23 Sa	0138 0421 0913 1729	8.0 7.7 8.8 -0.6
9 Sa	0303 0701 1020 1845	8.2 7.4 7.8 0.3	24 Su	0227 0609 1028 1832	8.6 7.7 8.5 -0.8
10 Su	0338 0805 1122 1930	8.5 7.2 7.6 0.1	25 M	0305 0723 1205 1928	8.9 7.1 8.3 -0.9
11 M	0403 0847 1235 2012	8.7 6.9 7.5 -0.2	26 Tu	0334 0818 1327 2020	9.1 6.3 8.2 -0.7
12 Tu	0425 0916 1337 2050	8.7 6.5 7.5 -0.3	27 W	0403 0907 1437 2106	9.1 5.3 8.1 -0.3
13 W	0447 0947 1431 2122	8.7 6.0 7.4 -0.3	28 Th	0431 0946 1540 2149	9.1 4.2 8.0 0.4
14 Th	0505 1013 1522 2154	8.7 5.3 7.4 0.0			
15 F	0526 1045 1614 2227	8.7 4.5 7.2 0.5			

Time meridian 120 W. 0000 is midnight. 1200 is noon.
Heights are referred to mean lower low water which is the chart datum of soundings.

		TIDES		DEPTH		SERVICES				BOAT RENTAL							SUPPLIES				
NO	LOCATION	MEAN RANGE-FT	DIFF (HRS) PT TOWNSEND	APPROACH-FEET(REPORTED)	ALONGSIDE FEET(REPORTED)	ELECTRICITY-MOORINGS-BERTHS (TRANSIENTS)	RAMP SURFACED-NATURAL	REPAIRS HULL-MOTOR-RADIO	MARINE RAILWAY-FEET	LIFT CAPACITY-TONS	CANOE-ROW-MOTOR	CHARTER-HOUSE-SAIL	FOOD-LODGING-CAMPING	TOILETS-SHOWERS-LAUNDRY	PUMP-OUT STATION	WINTER STORAGE WET-DRY	NAUTICAL CHART SALES	WATER-ICE	GROCERIES-HARDWARE	BAIT-TACKLE	DIESEL OIL-GASOLINE
2B	BLAINE MARINA	5.9	+1¼																		DG
4	WELDCRAFT MAR	5.2	+1	10	11	BME		HM	110	200						WD					
5	PORT BELLINGHAM	5.2	+1	12	11	BME	S	HMR	120	200	M	CHS	F	TSL	P		C	WI	GH	BT	DG
5B	BLAINE BOAT HBR	5.9	+1¼	6	12	BME	S	HMR	200	40		C	FL	TSL	P	D	C	WI	GH	BT	DG
7	MARINE SALES	5.2	+1	10	10			M		15						D			H		
10	FISHERMANS COVE	5.2	+1	6	3		S	HM	30	6			F	T		D	C	I	GH	BT	G
10A	SKYLINE MARINA			16	6	BME	S	HM		15	M	C S	F	TSL	P	WD	C	WI	GH	BT	DG
10C	MR ANTON LOVRIC	4.6	+½	15	8			HMR		400											
13	GATEWAY KOVE	4.6	+½	30	20	M	S			3½	M		F	T		D		WI	GH	BT	G
16	WYMAN'S MARINA	4.8	+½	60	8	BME		HM	55	25				TS		D		WI	H		DG
19	CAP SANTE BOAT	4.8	+½	12	9	B E		HMR		25	M	C S	FL	TSL	P	WD	C	WI	GH	BT	DG
21	LACONNER LANDING			12	12			M						T			C	W	H	BT	DG
21C	PORT OF SKAGIT	6.5	+1¼	12	12	B E		HM		35											
21D	BEACHCOMBER'S	6.5	+1¼	16	16										P			WI		B	DG
25A	DECEPTION PASS			20	15	B								TS				W			
25B	DECEPTION PASS			20	20	M	S						C	TS				W			
26A	CORONET BAY MAR	6.6	+1	6	7	BME		M					F	TSL		WD	C	WI	GH	BT	DG
27	AL'S LANDING	6.0	+1¼	4		M	S									W					
31	CAPTAIN WHIDBEY	7.8	+¾	30	10	M					R	C S	FL	TS				WI			
32	COUPEVILLE PORT	7.8	+½	6	6	M							F	TS			C	W			DG
33A	OAK HARBOR MAR	7.8	+½	10	10	B E	S	HM		3				TSL	P	WD	C	WI	H		DG
44	CAMANO IS ST PK	7.8	+¾	3			S						C	TS				W			
50	LANGLEY MARINA	7.7	+¾	15	15			HM		4				T		D	C	WI	H	BT	G
55	GEDDE'S MARINE			15	15	BM	SN	HM	40				FLC	S		WD	C	WI	GH		D
58A	EVERETT BTHOUSE	7.4	+½	15	10					15	M					D		I	GH	BT	G
59	FISHERMENS BOAT	7.4	+½	8	6			HM	105												
60	PORT OF EVERETT	7.4	+½	20	12	B E	S	HMR		35		C	FL	TSL	P	D	C	WI	GH	BT	DG
76A	VILLAGE PT MAR	5.2	+1	6	4		S						F								
69	MCCONNELLS BTHS	7.4	+½	14	4	E			19	2			F	T		D		WI	G	BT	G
79	GUEMES FISH RES	5.0	+¾								M		FLC	TS				I	G	B	G
83A	FORT WORDEN					BM	S						FLC	TSL				WI	G	BT	
84	POINT HUDSON HBR	5.3	0	13	10	B E	S		40	25			FLC	TSL		W	C	WI	G	B	DG
90	PORT TOWNSEND	5.3	0	10	10	B E	S			70		C	FL	TSL	P	D		WI	GH	BT	DG
93	NORDLAND TRADING	4.8	+½	3	3													WI	G	BT	G
98	MUTINY BAY RESR	6.3	+½	4		BM							LC	TS		WD		WI		BT	
187	BLAKELY MARINA	5.0	+½	10	10	BME	S	HM			M			TSL		W		WI	GH	BT	DG
188	OLGA STORE	5.0	+¾	24	3	B		M				S	FL	T			C	WI	GH	BT	
189	ROSARIO RESORT	4.9	+¾	100	25	BME	S	MR			RM	C S	FL	TSL			C	WI	GH	BT	DG
191	PORT OF FRI HBR	4.5	+¾	24	45	B E		HMR	80	15	M	C S	FLC	TSL	P	W	C	WI	GH	T	DG
192	UNION OIL CO	4.5		10	10												C				DG
193	SAN JUAN MARINA	4.5	+¾	23	11	BME		HM		3	M	C S	F					W	H	BT	DG
195	ALBERT JENSEN+S	4.5	+¾	60	25			HM	75	25				TS		WD			H		
197	ISLANDER LOPEZ	4.4	+¾	4½	6	B E							FLC	TSL		WD		WI	G	B	G
198	RICHARDSON STRE	4.2	+½	20	20													WI	GH	BT	DG
199	SUCIA IS ST PRK	5.3	+1			M							C	T				W			
199A	MATIA IS ST PRK				4	M							C	T							
203	WEST BEACH RESRT	5.5	+1			M	S				C M		LC	TSL			C	WI	G	BT	DG
205	LONESOME COVE	5.3	+1								M		LC	TS				W		B	G
206	JONES IS ST PRK	5.3	+1	10		M							C	T				W			
207	DEER HARBOR MAR	4.8	+1	20	16	BME	S				RM	S	FL	TS			C	WI	G	BT	DG
210	WEST SOUND MAR	4.5		25	20	B E		HM	64	30		S	F	TS		WD	C	WI	GH	T	DG
211	UNION OIL DOCK	4.5	+¾	18	9	B		M					FL	TS			C	WI	G	BT	DG
212	SHAW FRANCISCAN	4.5	+¾	30	8	M							F C	T L				WI	GH	BT	G
213	STUART IS ST PK	4.8	+¾	9		M							C	T				W			
214	ROCHE HARBOR	4.4	+¾	30	20	BME	S	M			C M	C S	FL	TSL		WD	C	WI	GH	BT	DG
215	SNUG HARBOR MAR	4.3	+¾	4	4	BME	S	HMR	30		RM	CHS	FLC	TSL		WD	C	WI	GH	BT	DG

(+)DENOTES HOURS LATER (-)DENOTES HOURS EARLIER
THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY LARGE MAGENTA NUMBERS.
THE TABULATED "APPROACH-FEET(REPORTED)" IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR DREDGED CHANNEL TO THE FACILITY.
THE TABULATED "PUMPING STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.

THIS TABULATION WAS PRODUCED USING COMPUTER ASSISTED METHODS.

MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBERS	OFFICE HOURS
Olympia, Wash.	*357-3856	24 hours daily

*Recorded

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQ.	BROADCAST TIMES
Seattle, Wash.	KHB-60	162.55	24 hours daily

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	BROADCAST TIMES—PST	SPECIAL WARNING
Seattle, Wash.	NMW-43	157.1 MHz	10:30 AM & PM	*On receipt
Port Angeles, Wash.	NOW	2670 kHz 157.1 MHz	10:15 AM & PM 9:33 & 10:03 AM	*On receipt *On receipt

*Preceded by announcement on 2182 kHz and 156.8 MHz
Distress calls for small craft are made on 2182 kHz or channel 16 (156.80 MHz) VHF.

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PUBLIC BOATING INSTRUCTION PROGRAMS

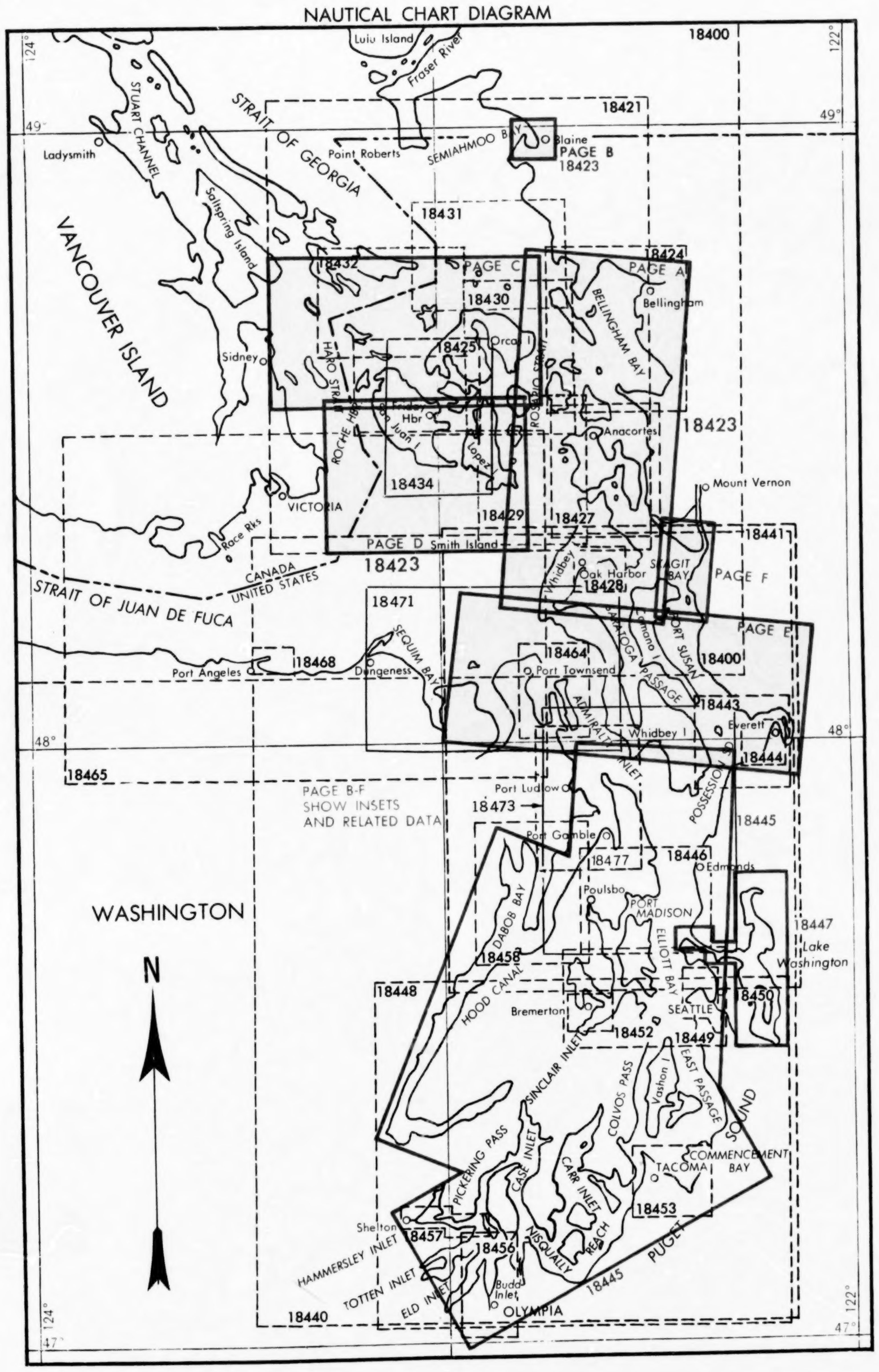
The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs in communities througnout the United States. For information regarding these educational courses, contact the following sources:

USPS – Local Squadron Commander or USPS Headquarters, Post Office Box 30423, Raleigh, N.C. 27612, 919-821-0281.

USCGAUX – 13th Coast Guard District, 915 Second Ave., Seattle, WA 98174-1067, Tel. 206-442-7390 or USCG Headquarters (G-BAU), Washington, D.C. 20593-0001.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

NAUTICAL CHART DIAGRAM



124°
122°
49°
48°
47°
18400
Lulu Island
Fraser River
STRAIT OF GEORGIA
18421
Ladysmith
STUART CHANNEL
Point Roberts
SEMIAHMOO BAY
Blaine
PAGE B
18423
Saltspring Island
VANCOUVER ISLAND
18431
18432
PAGE C
18424
PAGE A
18430
Bellingham
BELLINGHAM BAY
18425
Orcas I
Sidney
HARO STRAIT
ROSARIO STRAIT
Friday Hbr
San Juan I
ROCHE HBR
Lopez I
Anacortes
18423
18434
Mount Vernon
VICTORIA
18429
18427
18441
Race Rks
PAGE D
Smith Island
18423
Whidbey I
Oak Harbor
SKAGIT BAY
PAGE F
18428
CANADA
UNITED STATES
STRAIT OF JUAN DE FUCA
18471
SARATOGA PASSAGE
Camano I
PORT SUSAN
PAGE E
SEQUIM BAY
18464
18400
18468
Port Angeles
Dungeness
Port Townsend
ADMIRALTY INLET
18443
Whidbey I
Everett
18444
18465
PAGE B-F
SHOW INSETS
AND RELATED DATA
Port Ludlow
18473
POSSESSION SD
18445
Port Gamble
18477
18446
Edmonds
WASHINGTON
Poulsbo
PORT MADISON
DABOB BAY
18447
Lake Washington
ELLIOTT BAY
18458
N
18448
HOOD CANAL
Bremerton
SEATTLE
18450
18452
18449
SINCLAIR INLET
COLVOS PASS
Vashon I
EAST PASSAGE
SOUND
PICKERING PASS
CASE INLET
CARR INLET
COMMENCEMENT BAY
TACOMA
18453
Shelton
18457
18456
NISQUALLY REACH
PUGET
HAMMERSLEY INLET
TOTTEN INLET
ELD INLET
Budd Inlet
18445
OLYMPIA
18440

18423

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